



App No.: 10/023,584

Docket No.: PF112P1D2

Inventor: Rosen et al.

Title: Antibodies to Human Vascular Endothelial Growth Factor 2 (As Amended)

Replacement Sheet

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1 GTCCTCCACCATGCACTGGCTTCTGGCTGTCTCTGGCGTCTCTGGCTCGCCGCTG
CAGGAAGGTGGTACGTGAGGGACCCGAAGAAGAGACACCCGACAAGAGACGGAGGGAC
M H S L G F F S V A C S L L A A A -

61 CGCTGCTCCGGGTCCCTGGGAGGGCGGCCGGCGCCGGCGCCGGCTTGAGTCCGGACTCG
GGCACGGGCCAGGAGGGCTCCGGGGGGGGGGGGGGGGGGGGGGGGGGGGGGGGGGGGGG
L L P G P R E A P A A A F E S G L D -

ACCTCTGGACGG
121 TGAGAGCCCTGGGCCTGGGCTGGGGCTGGGGGGGGGGGGGGGGGGGGGGGGGGGGGGGG
L S D A E P D A G E A T A Y A S K D L E -

AGGAGCAGTTACGGTCTGTGTCCAGTGTAGATGAACTCATGACTGTACTCTACCCAGAAT
181 TCTCTCGTCAATGCCCAGACACAGGGTCACATCTACTTGAGTACTGACATGAGATGGGTCTTA
E Q L R S V S S V D E L M T V L Y P E Y -

ATGGAAAATGTAACAAGTGTCAAGCTAAGGAAAGGGGGCTGGAACATAACAGAGAACAGG
241 TAACCTTTACATGTTCACAGTCAGTCCGATTCCCTCCGACCGTTGTATTGTCTCTGTCC
W K M Y K C Q L R K G W Q H N R E Q A -
CCAACCTCAACTCAAGGACAGAGACTATAAAATTGCTGCAGCACATTATAATACAG

Fig. 1A



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360
 +-----+
 CGTGGACTGAGTTCCCTGTCTCTGATAATTAAACGACCGTCGTAAATTATGTC
 N L N S R T E E T I K F A A H Y N T E -

 361
 +-----+
 AGATCTGAAAAGTATTGATAATGAGTTGGAGAAAGACTCAATGCATGCCACGGAGGTCT
 TCTAGAACTTTCATAACTATTACTCACCTCTTCTGAGTTACGTACGGTCCCTCCACA
 I L K S I D N E W R K T Q C M P R E V C -

 420
 +-----+
 GTATAGATGGGGAAAGGAGTTGGAGTCGCCACAAACACCTTCTTAACCTCCATGTG
 CATATCTACACCCCTCAACCTCAGGCCCTGTTGGAAAGAAATTGGAGGTACAC
 I D V G K E F G V A T N T F F K P P C V -

 481
 +-----+
 TGTCGGTCTACAGATGTGGGGTGTGCTGCAATTAGTGAGGGCTGGCAGTGCATGAACACCA
 ACAGCCAGATGTCTACACCCCCAACGACGTTATCACTCCCCGACGTCACCGTACTTGTGGT
 S V Y R C G C C N S E G L Q C M N T S -

 540
 +-----+
 GCACGAGCTACCTCAGCAAGACGTTATTGAAATTACAGTGGCTCTCTCAAGGCCCA
 CGTGCATGGAGTCGTCTGCAAATAACTTAATGGTCACGGAGAGAGACTTCCGGGGT
 T S Y L S K T L F E I T V P L S Q G P K -

 601
 +-----+
 AACCAACTAACATCAGTTGCCAATCACACTTCCCTGCCGATGCATGTCATAACTGGATG
 TGGTCATTTAGTCAAAACGGTTAGTGTGAAGGACGGCTACGTACAGATTGACCTAC
 P V T I S E A N H T S C B C M S K L D V -

Fig. 1B



Replacement Sheet

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Fig. 1C



V C K N K L F P S Q C G A N R E F D E N -

1021	ACACATGCCAGTGTGTATGTA AAAGAACCTGCCAGAAATCAACCCCTAATTCCCTGGAA	1080
	-----+-----+-----+-----+-----+-----+	
1081	TGTGTACCGGTACACATACATTTCCTTGACGGGGTCTT TAGTGGGGATTAGGACCTT	1140
	T C Q C V C K R T C P R N Q P L N P G K -	
1141	AATGTGCCCTGTGAATGTACAGAACAGAACATGCTT CACAGAACAGAACATGCTTACGAACATTTCCTTCAGG	1200
	-----+-----+-----+-----+-----+-----+	
1201	TTACACGGACACTAACATGTCCTCAGGT CTTACATGTCCTCAGGTCTTACATGTCCTCAGGT	1260
	C A C E C T E S P Q K C L L K G K F H -	
	ACCACCAAACATGCCAGCTGTACAGACGGCCATGTACGA ACCGCCAGAACGGCTTGTGAGCCAC	
	-----+-----+-----+-----+-----+-----+	
	H Q T C S C Y R R P C T N R Q K A C E P -	
	CAGGATTTCATATAAGTGAAGAACGTGTGTCGTTGTC CCCTCATATTGGCAAAGACCAC	
	-----+-----+-----+-----+-----+-----+	
	GTCCTAAAGTATATCACTTCACACAGCAACACAG G F S Y S E V C R C V P S Y W Q R P Q -	
	/ AAATGAGCTAAGATTGTACTGTTCCAGTTCATCGATT TCTPATTATGGAAAACACTGTGT	

Fig. 1D



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1261	TTTACTCGATTCTAACATGACAAAGGTCAAGTAGCTAAAAGATAATAACCTTTGACACA M S *	1320
1321	TGCCACAGTAGAACACTGTCTGTGAACAGAGAGACCCTTGTGGTCCATGCTAACAAAGACA ACGGTGTCACTTGCACAGACACTTGTCTCTGGAAACACCCAGGTACGATGTCTCTG AAAGTCTGTCCTTCTGAAACCATTGTTGAGTAACCTTACAGAAATGGACTGGAGCTCATCTG 1381	1380
1441	T ^r TCAGACAGAAAGGACTTGGTACACCTATTGAAATGTCTTACCTGACCTCGAGTAGAC CATAAGGGCCTCTTGTAAAGAAGACTGGTTCTGCCAATGACCAAAACAGCCAAAGATTTCCTC GTTTTCCGGAGAACATTCTGACCAAAAGACGGTTACTGGTTGTCGGTTCTAAAGGAG 1501	1500
1561	TTCGTGATTCTTTAAAGAATGACATATAATTATTTCCACTAAAAAATATGTCTCTGC AACACTAAAGAAATTCTTACTGATAATTAAAGGTGATTTTATAACAAAGACCG TAAGTAAATAATCGTGTGTTAACATTGAGTGACACTAGTTATAATAAGATA 1621	1560
1621	GC ^r AAATATGTTAAAAAATGAAAATGGTATTGTATTATAAAAAAA CGTTTTACAAATTATTACTTTAACATAATAATTGTTTTTTTTTTTT 1674	1674

Fig. 1E